B. SCHAPEN

AUTHORITY FOR EXPENDITURE AFE NUMBER WORKSHEET KAISER CEMENT & GYPSUM CORP. X KAISER GYPSUM CO. PERMANENTE STEAMSHIP CO. APPR. DIV SERIAL PERMANENTE TRUCKING CO. GLACIER SAND & GRAVEL CO. 70 WASHINGTON ISSUE AUTHORITY FOR ASSET ACQUISITION IS REQUESTED AS FOLLOWS: ESTIMATED COST AND USE SPENDING PLAN ITEM QUANTITY DESCRIPTION AND TERMS PERIOD IN-SERVICE TOTAL NO. AMOUNT MO. COST OF USE DATE Fischer-Porter Magnetic Flowmeter Recorder \$3,200.00 Controller and Diaphram Motor Valve to control and record the amount of lignosite being added at the mixer. 9507-008-5_0 TOTAL IS 3 YOU \$3,200,00 JUSTIFICATION FOR See attached. **ACQUISITION** (REFERENCE BY ITEM NUMBER) AMOUNT AND EXPLANATION OF RELATED NON - CAPITAL **EXPENSE** Original Cost STATEMENT OF Estimated Recovery from Sale or Salvage GAIN OR LOSS Estimated Demolition and Removal Expense ON RETIRED Book Value as of **FACILITIES**

Estimated Gain or (Loss) on Retirement BY WHOM? WHEN? MAKE GOOD REPORT REQUIRED? (Circle) NO ACCOUNTING USE ONLY **AUTHORIZATIONS** DUISITION APPROVED **DEPRECIATION POLICY** METHOD OF FINANCING (FOR CONTROLLER'S USE ONLY) воок TAX CAPITALIZE EXPENSE INV.CR.APPL YES NO YES NO YES METHOD STLIME LIFE Lease/Purchase Purchase GUIDELINE CLASS Lease Renewal ice President & General Mar. KC&GC ORM 27-A REY 12-66

This request is to purchase and install one Fischer-Porter Magnetic Flowmeter Recorder Controller and Diaphram Motor Valve to control and record the amount of lignosite being added at the mixer.

The present installation consists of a variable speed pump which is manually set for different flow rates. Volume being delivered is checked with a stop watch and bucket. This is a hit and miss method which requires constant checking and re-setting.

Installation of the proposed equipment will provide automatic control of the feed rate and will also provide a continuous record of usage rates. Results obtained will include improved control over core additives and will eliminate variations caused by human error or operator judgement.

A similar installation was made in 1967 to control water inputs at the mixer. It has provided good control of mixer water and has operated very well.